



U. S. Highway 50 Camino Safety Project

U.S. Highway Camino Safety Project

- Project Partners

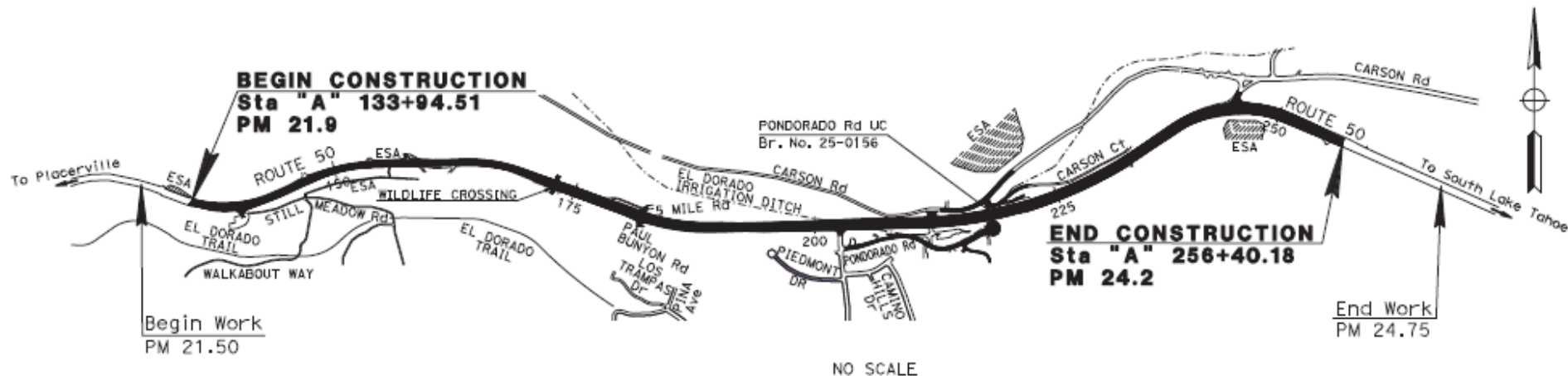
- Caltrans
- El Dorado County
- El Dorado County Transportation Commission

U.S. Highway Camino Safety Project

- General Project Information
- Project Purpose and Need
- Phasing of Preferred Alternative
- Phase 1 Key Elements

U.S. Highway Camino Safety Project

Project Location Map



U.S. Highway Camino Safety Project

- Project Name:

US Highway 50 Camino Safety Project

- General Project Description:

Construct median barrier, construct new undercrossing structure, and access to the structure

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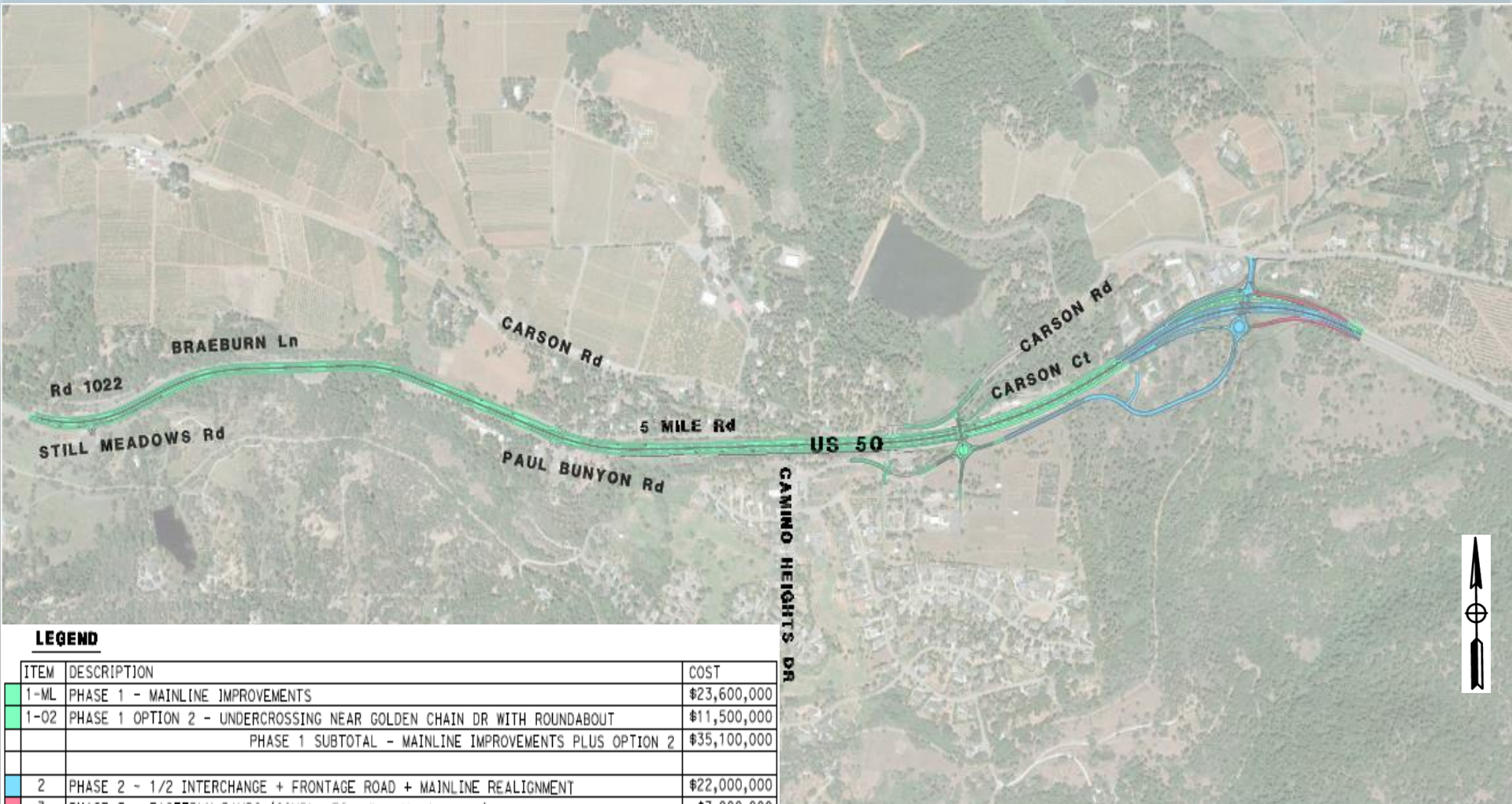
- Project Purpose:
 - Improve safety on US Highway 50 in the Camino Corridor
 - Maintain local and regional access to US Highway 50
- Project Need:
 - Reduce vehicle collision rates along the Camino Corridor

U.S. Highway Camino Safety Project

- Project Development Process and Project Schedule
 - Identify Project – July 2013
 - Develop Project Study Report – December 2015
 - Program Funding – March 2016
 - Prepare Environmental Document and Project Report
 - March 2016 to June 2018
 - Draft Environmental Document for public review –
 - October 11, 2017 to November 9, 2017

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Alternative 4.7 – Ultimate Project



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Project Funding

- Estimated Construction Capital Cost - \$60.1M
- Current available funding - \$38.3M:
 - State Highway Operation and Protection Program (SHOPP) \$32M
 - Federal Highway Safety Improvement Program (HSIP) - \$6.3M
- Future Unfunded Need - \$21.8M

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Planned Phasing

Phase 1:

- Current available funding - \$38.3M:

Scope: Mainline improvements and local access at Pondorado Rd

Construction Target: Spring 2020 to Summer 2022

Phase 2:

- Future unfunded need - \$21.8M:

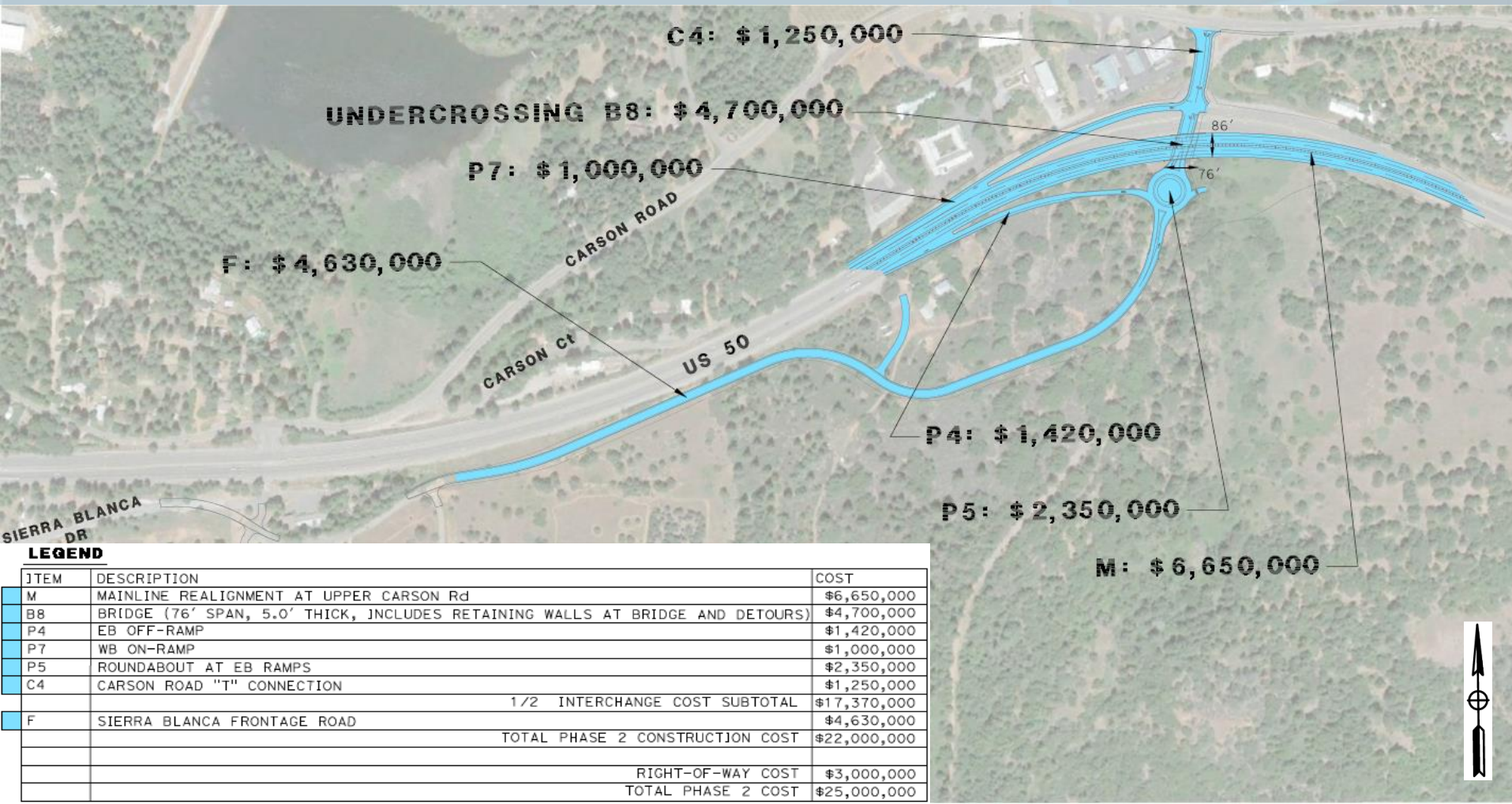
Scope: Local access with interchange at Upper Carson Road

Construction Target: TBD Pending Funding

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Phase 2

Half Interchange, Frontage Road, and US 50 Realignment



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Phase 3

Easterly Ramps (Completes Full Interchange)



LEGEND

ITEM	DESCRIPTION	COST
P6	EB ON-RAMP	\$2,000,000
P8	WB OFF-RAMP	\$1,000,000
TOTAL PHASE 3 COST		\$3,000,000



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Phase 2/3 Project Funding

- Future unfunded need - \$21.8M (Currently unfunded):
 - Previous Funding Requests:
 - 2018 SB1 LPP – ED County
 - 2018 SB1 SCCP – EDCTC
 - 2018 BUILD – EDCTC
 - 2019 INFRA – EDCTC - Pending
 - Future sources:
 - Future SB1 funding cycles
 - Future BUILD cycles

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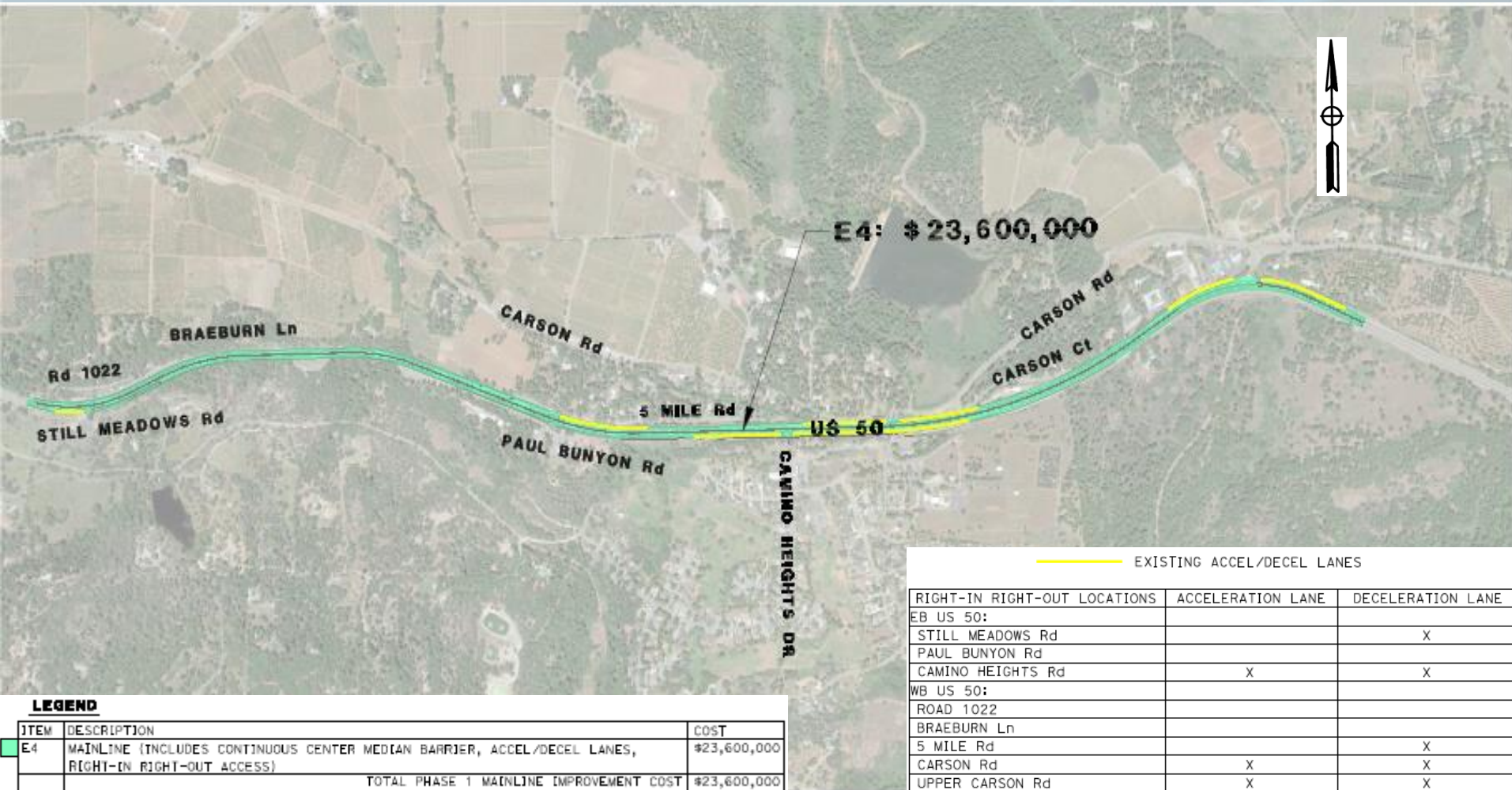
Phase 1

Key Project Elements

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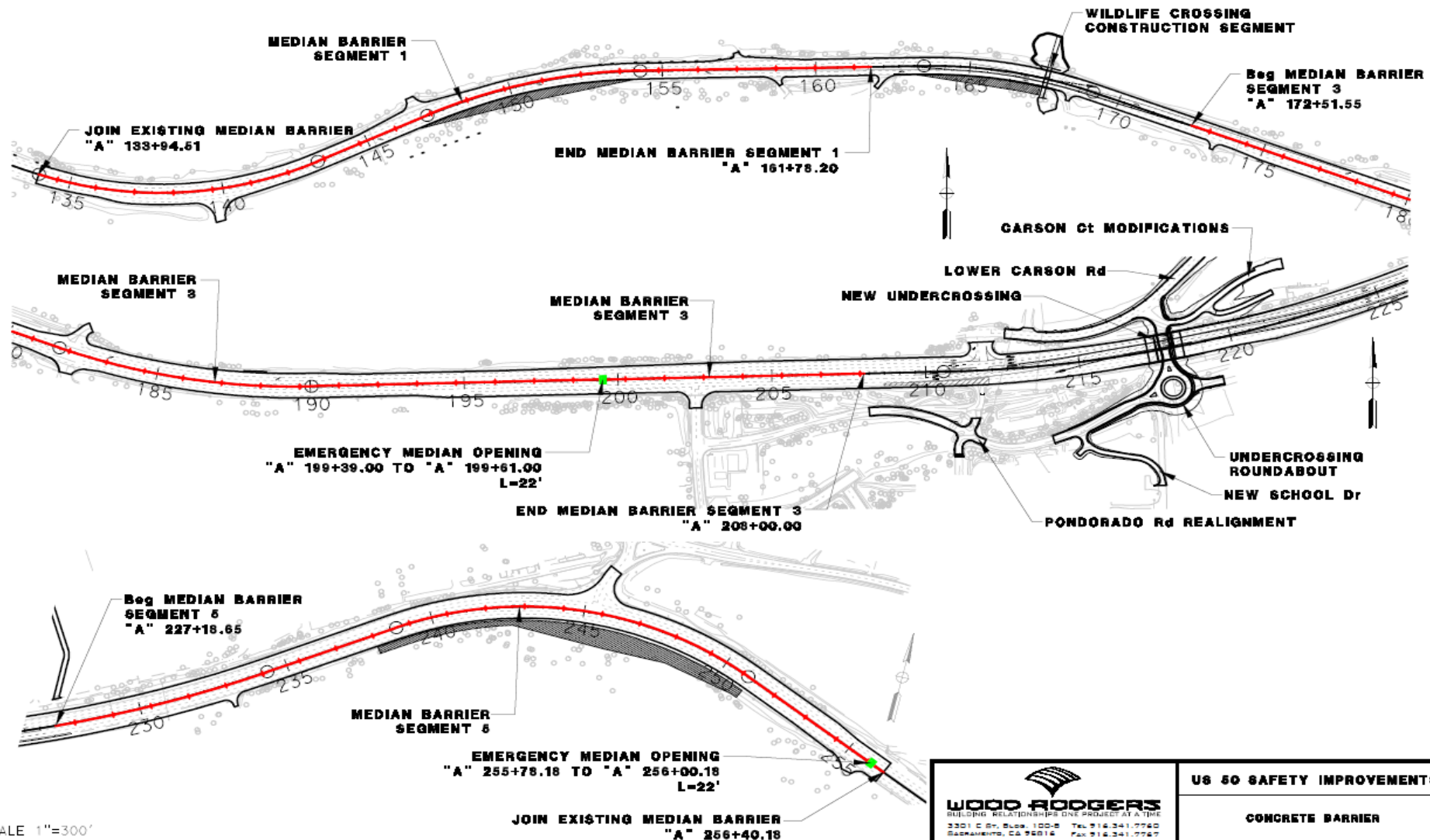
Phase 1: Mainline Improvements

Funded with SHOPP – Construction start Spring 2020



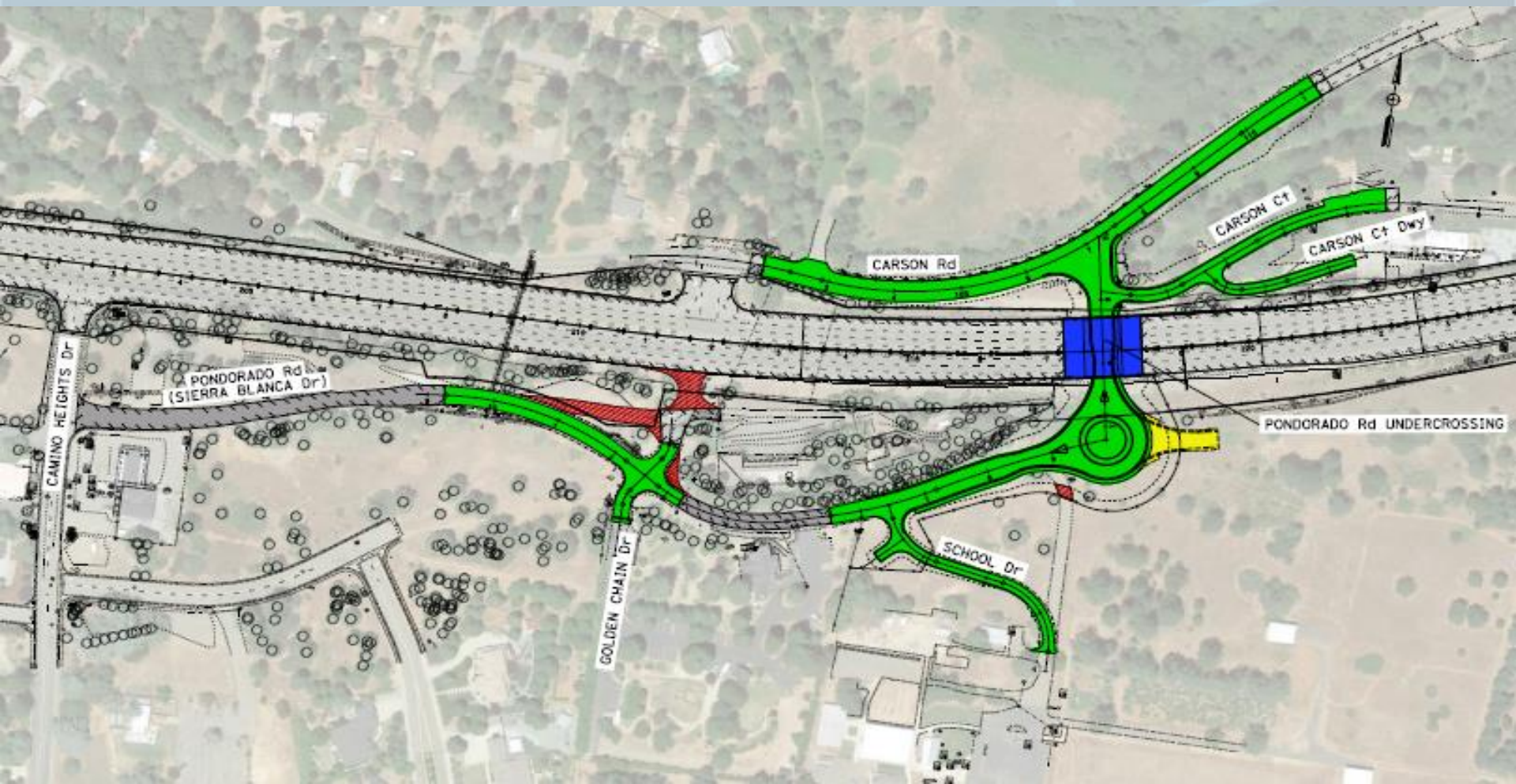
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Concrete Barrier and Emergency Vehicle Access



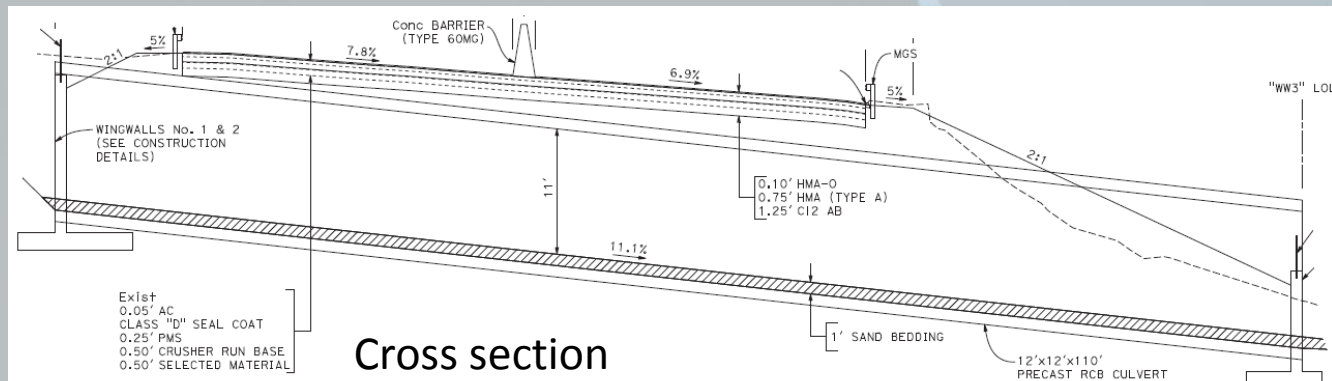
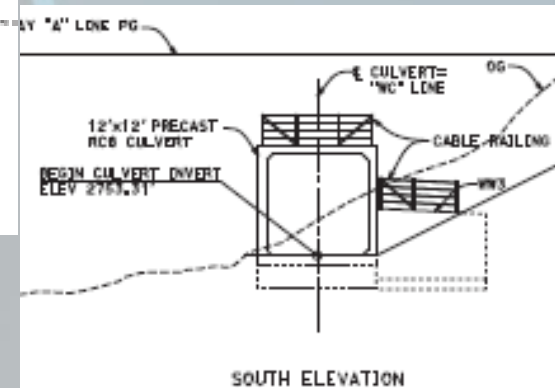
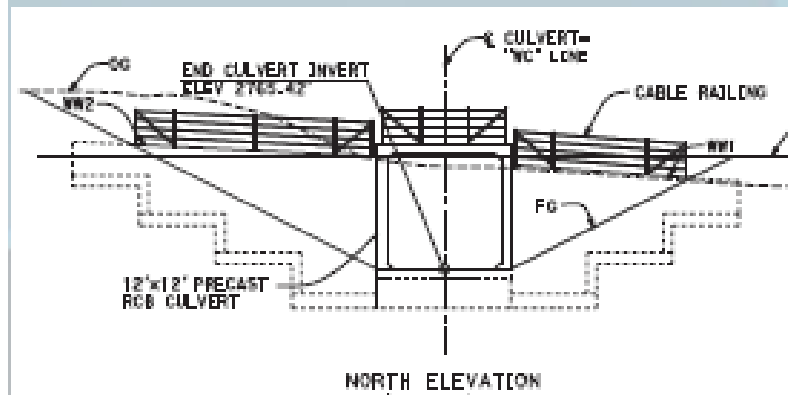
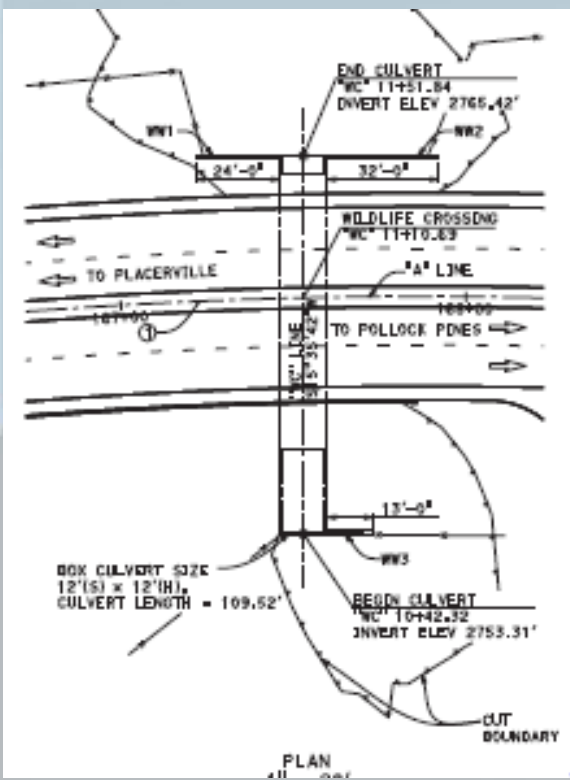
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Local access – Extend Sierra Blanca Dr to new bridge east of Pondorado Rd with roundabout



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Wildlife Crossing Between Braeburn Lane and 5-Mile Road



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Wildlife Crossing

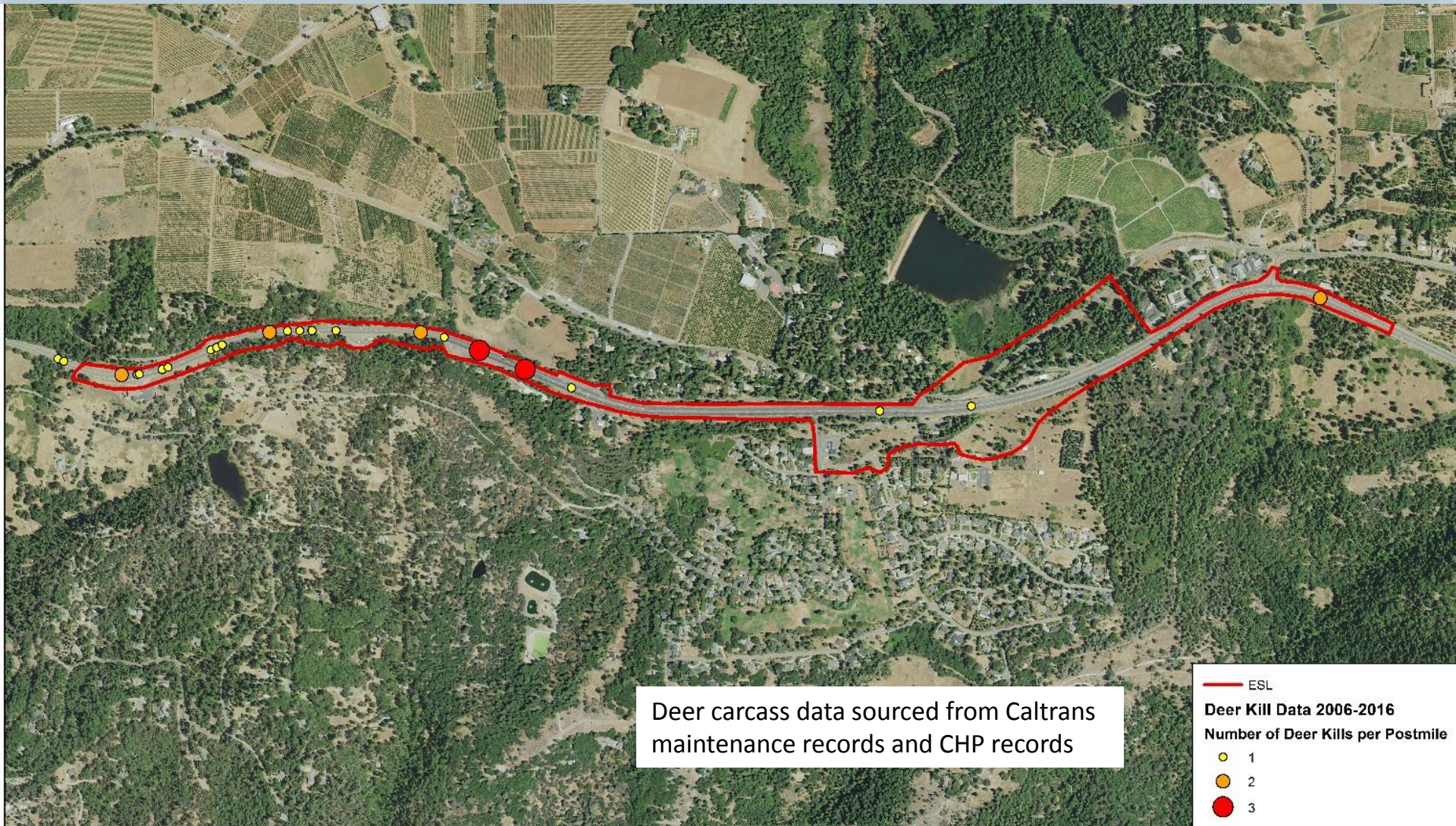
- Design:
 - 12'x12' box culvert (110' long)
 - Wildlife passageways in median barrier
 - Wildlife fencing
 - Wildlife escape ramps
 - Wildlife cameras (monitoring)
- Target: deer



Photo from Sierra Hwy 89 wildlife crossing

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Wildlife Crossing



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Wildlife Camera Monitoring

Wildlife recorded:

- Deer
- Coyote
- Gray fox
- Black bear
- Bobcat
- Jack rabbit
- Opossum
- Skunk
- Raccoon
- Squirrel



We used 8 study sites (10 cameras total) throughout the project limits to study wildlife movement around Highway 50 from 2016-present



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A local example:

Highway 50 wildlife crossing near Greenstone Road,
Placerville CA

- 12'x12' box culvert (about 200' long)
- Completed in 2012

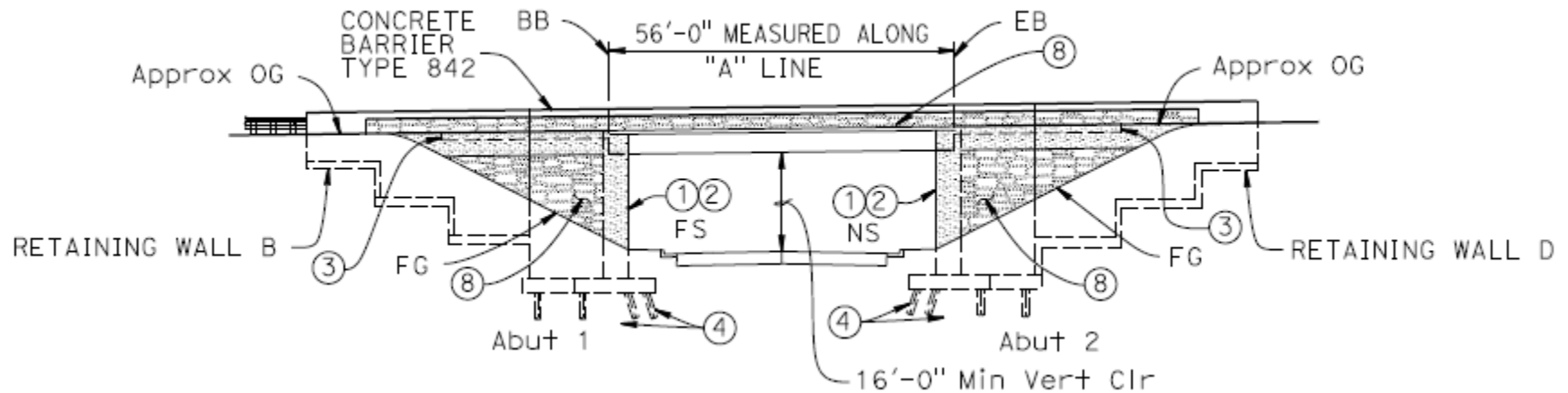


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Pondorado Rd Undercrossing



Sly Park Road Undercrossing - Looking North

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- Phase 1 Project Schedule
 - **Prepare Project Design Documents**
July 2018 to July 2019
 - Advertise and Award Construction Contract
August 2019 to December 2019
 - Construction Start – Spring 2020

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Project Website:

<http://dot.ca.gov/d3/projects/subprojects/4E620/index.html>